Species Tag:	30002	Name:	HC-13-O+
Version:	2		Formyl cation
Date:	Dec. 1983		Oxomethylium,
Contributor:	R. L. Poynter		X $^1\Sigma^+$
			^{13}C isotope
Lines Listed:	34	Q(300.0)=	144.444
Freq. (GHz) <	2938	Q(225.0)=	108.468
Max. J:	34	Q(150.0)=	72.410
LOGSTR0=	-2.4	Q(75.00)=	36.366
LOGSTR1=	-3.3	Q(37.50)=	18.353
Isotope Corr.:	-1.955	Q(18.75)=	9.348
Egy. (cm^{-1}) >	0.0	Q(9.375)=	4.852
μ_a =	3.3	A=	
μ_b =		B=	43377.32
μ_c =		C=	

Only two lines of this molecule have been measured by R. C. Woods, R. J. Saykally, T. A. Dixon, P. G. Szanto, and T. Anderson, 1976, 31st Symposium on Molecular Spectroscopy, Columbus, Ohio, and by M. Bogey, C. Demuynck, and J. L. Destombes, 1981, Mol. Phys. **43**, 1043. A least squares analysis cannot be done with such limited data. The catalog entries are therefore just simple calculations from the B and D rotational constants, and no error estimates can be given beyond the two measured lines. The dipole moment was assumed to be the same as for the parent species.